



(ROW Permits)

DEPARTMENT OF PERMITTING SERVICES

Douglas M. Duncan
County Executive

Robert C. Hubbard
Director

CONDITIONS OF PERMIT

1. This permit is not transferable.
2. This permit automatically expires 18 months from the date issued, unless extended as provided in the Montgomery County Road Construction Code, or unless otherwise noted.
3. The proposed work shall be performed in accordance with the provisions of the Montgomery County Road Construction Code, the Standards and Specifications approved by the County Executive and approved plans.
4. All construction shall conform to all legal requirements for the type of construction proposed.
5. The work, materials, plans and specifications shall be available at all times for inspection by duly authorized officials of Montgomery County.
6. The County reserves the right to require the Permittee to give the County a maintenance bond for such period as necessary when the quality of the work or material is questionable or marginally meet specification requirements.
7. The holder of this permit shall give at least 48 hours advance notice to the Department of Permitting Services before any construction under this permit is undertaken.
8. No permit for paving will be issued unless all grading has been finally inspected and approved by the Department of Permitting Services.
9. No permit will be issued for construction unless the right of way has been acquired by the County or has been dedicated to public use and such acquisition has been recorded in the Land Records of the County.
10. All work done under this permit shall comply with written requirements or directions, which may be issued by the County Executive relating to the particular project.
11. This permit is subject to revocation by the Director of the Department of Permitting Services, if he finds that any of its conditions are being violated.
12. If the Director of the Department of Permitting Services finds that the original plans, standards and specifications under which this permit as issued are inadequate or inappropriate for the particular project, he may require different or additional plans, standards and specifications and they, or modifications thereof, shall thereafter become a part and condition of this permit.
13. Prior to the release of this permit, complete repair (restoration of right of way) shall be made of any and all damages done to the existing improvements in the public right of way caused by construction operations on this site. All disturbed areas shall be fine graded and sodded.
14. Permittee shall secure necessary easements from adjacent property owners to allow cut or fill slopes (Std. MC-811.01) outside the limits of dedication.
15. A permit from the Maryland State Department of Forests and Parks is required for the removal of any existing trees on improved public rights of way. Contact (301) 854-6060.
16. No planting in the public right of way other than sod shall be permitted unless such planting has been approved by the Department of Permitting Services. No rocks, stones, bricks, fences or any structure shall be permitted unless approved. It is the permittee's obligation to keep the right of way clear of obstruction until the street is accepted for maintenance by Montgomery County.
17. The relocation and/or adjustment of any public or private utility, prior to any construction authorized by this permit, shall be the responsibility of the permittee.



18. Under the terms of the Public Improvements Agreement(s) relating to this permit, the permittee is required to provide street lighting prior to the release of this permit. Contact the Department of Public Works and Transportation, Traffic Engineering and Operations Section at 240-777-2190 for details.
19. The permittee shall not allow the general public to use the newly constructed roadway or any portion thereof until all of the following actions have been completed:
 - (a). Bituminous concrete base shall be in place.
 - (b). Guardrail and guardrail end flares shall be installed as shown on the approved paving plan or where designated as needed by field conditions not shown on the plans.
 - (c). Right-of-way areas adjacent to roadway or behind curb and gutter shall be on final grade, within a tolerance of 0.3 foot, to allow for installation of traffic signs with little likelihood of subsequent damage during grading operations.
 - (d). Manholes, inlets, and valves in roadways that extend more than 1/4 inch above bituminous concrete base shall be tapered with maximum slope of 18 to 1, using bituminous concrete material.
 - (e). At least two weeks in advance of intended opening of the road to the general public, contact the Department of Public Works and Transportation, Traffic Engineering and Operations Section at 240-777-2190 to implement pavement marking and/or signing by County Forces.

For the purposes of the above, the "general public" shall mean any vehicular traffic not directly related to construction of the road or construction of buildings immediately contiguous to the section of road to be opened. Traffic related to buildings that are occupied, through traffic, mail and other delivery vehicles operated by persons other than employees of the project contractors or subcontractors shall be considered "general public".

Installation of traffic control devices by the County, as the County deems appropriate, prior to formal acceptance of the road for County maintenance shall not relieve the permittee of his legal responsibility for otherwise providing safe conditions, in accordance with the requirements of this permit. The County's cost incurred due to subsequent damage to traffic control devices by construction equipment shall be the responsibility of the permittee.

For roads on new alignment, as soon as ANY vehicular traffic, construction-oriented or general public, is using the road, the permittee shall install a sign stating "CAUTION INCOMPLETE ROAD NOT PUBLICLY MAINTAINED" (see sign drawing #W20-9-901*) at each point where access to the new road is available from an existing road or roads. On roadways that are classified as Primary or higher, the sign shall be reflectorized and shall be a signage of 48" x 48" in size, diamond shaped, shall have black legend and border on an orange background, and shall have a four (4) line legend. On roadways classified as Secondary or lower, the sign shall be reflectorized and shall be a signage of 36" x 48" in size, rectangular shape, with a total of five (5) lines of legend, shall have black legend and border on a yellow background for the upper portion and black legend and border on a silver/white background for the lower portion (see sign drawing #W20-9b-901*). These signs are not required for the widening of existing roads.

* Sign Drawing Details are available at the Right-of-Way Permitting and Plan Review Section in the Department of Permitting Services or at the Traffic Engineering and Operations Section offices in the Department of Public Works and Transportation.
Dedicated to Public Use App. HS 06/04.doc



(Part of Permit
ROW Package)

DEPARTMENT OF PERMITTING SERVICES

Douglas M. Duncan
County Executive

Robert C. Hubbard
Director

TRAFFIC CONTROL REQUIREMENTS FOR ALL DRIVEWAY PERMITS, AND FOR WORK ACTIVITIES WITHIN PUBLIC RIGHT-OF-WAYS ALONG SECONDARY AND TERTIARY ROADWAYS

I. General Requirements:

All work activities within roadways classified as primary or higher shall be performed between the hours of 9:00 AM and 3:30 PM. Work activities within secondary or tertiary roadways will not normally be restricted to these hours unless specifically stipulated by the County Inspector.

No work shall be permitted on Saturday, Sunday, and legal holidays without written permission of the County Inspector.

The permittee shall contact occupants of all adjoining properties and inform them of the scope of the work and the timing of construction a minimum of twenty-four (24) hours prior to the commencement of any activity on the site.

Ingress and egress shall be maintained to all driveways.

No materials or equipment shall be stored on the roadway surface or sidewalk during non-work periods. All stored materials and equipment shall be set back at least two (2) feet behind the curb along a closed section roadway and at least six (6) feet from the edge of roadway on an open section roadway.

All excavation(s) within the paved section of roadway shall be back-filled and capped with cold mix or steel plated prior to the end of any day's work. "STEEL PLATES AHEAD" signs shall be placed two hundred fifty (250) feet in advance of any steel plates.

Excavations in unpaved sections within the public space shall be either back-filled to grade, completely covered with lumber/plywood, encircled with approved construction fencing at the end of the work day or shall comply with the following:

No traffic shall be permitted within ten (10) feet of any excavation that results in a vertical drop-off of over five (5) inches in the level of pavement during non-working hours unless protected by temporary concrete barriers or ramped with gravel at a three-to-one (3:1) or flatter slope from the edge of pavement. When ramping is utilized, traffic drums shall be positioned adjacent to the edge of the work area on the traffic side of the slope.

No traffic shall be permitted within two (2) feet of any excavation that results in a vertical drop-off of more than two (2) inches but no more than five (5) inches in the level of pavement during non-working hours unless protected by either ramped by gravel at a three-to-one (3:1) or flatter slope, provided an abutting wedge of bituminous material at a three-to-one (3:1) or flatter slope or protected by traffic drums.



DEPARTMENT OF PERMITTING SERVICES

Douglas M. Duncan
County Executive

Robert C. Hubbard
Director

In areas where the drop-off in the level of pavement is two (2) inches or less, traffic may be allowed to freely cross under the following conditions:

- A. In areas where longitudinal paving joints of two (2) inches or less are exposed to traffic, warning signs shall be erected indicating "UNEVEN PAVEMENT" (W8-11 mod). These signs shall be placed two hundred fifty (250) feet in advance of the uneven joint and spaced at appropriate intervals throughout the area of the uneven joints.
- B. In areas of exposed lateral joints of two (2) inches or less, the warning signs shall be "BUMP" (W8-1) with a supplemental distance plate mounted below it.
- C. When milled pavement is left exposed to traffic a "ROUGH ROAD" (W8-8a) sign shall be placed two hundred fifty (250) feet in advance of the milled area.

All existing traffic control devices that must be removed shall be replaced in their proper location prior to the completion of the project. Cost for the replacement and/or repair of the devices damaged, as a result of the project shall be assessed to the permittee.

All traffic control devices shall conform to the MANUEL ON UNIFORM TRAFFIC CONTROL DEVICES.

The implementation date and continuance of this project may be altered at the discretion of the County Inspector in the event of conflicts with previously approved or emergency activities.

II. Specific Requirements:

A. Maintenance of Traffic

"ROAD WORK AHEAD" signs (MUTCD Standard W21-4) shall be posted approximately five hundred (500) feet in advance of the work site.

Simultaneous two-way traffic should be maintained whenever possible.

Whenever two-way traffic cannot be maintained, flaggers shall be used to control traffic around the work area on direction at a time with advance flagger signs (MUTCD Standard W20-7a) placed two hundred fifty (250) feet in advance of the flagger. Flaggers shall use STOP/SLOW paddles to direct traffic.

At least ten (10) feet of the roadway shall be available for traffic at all times.

Sidewalk closures shall be limited to occur only during the actual excavation and paving operations of the sidewalk. During excavation and paving operations sidewalks shall be barricaded to physically prevent pedestrian passage. During all other time's provisions for safe pedestrian access through the work area, by a temporary sidewalk shall be provided.

Reflectorized traffic drums shall be placed on the traffic side of any excavation and at the ends of trenches spaced a maximum of ten (10) feet. During daytime work periods twenty-eight (28) inch high traffic cones are acceptable.

Right-of-Way Construction Permit Unit

Division of Land Development • Right-of-Way Permitting and Plan Review Section
255 Rockville Pike, Second Floor • Rockville, Maryland 20850-4166 • Main: 240.777.6298 • Fax: 240.777.6296

1. Grading Permit (Grade/Public ROW)

Grade streets full width of right of way plus side slopes in accordance with Montgomery County Standards and Specifications and approved profiles and plans.

Soils Report No. □, prepared by □, dated □ is hereby noted and approved.

2. Storm Drain

Construct storm drains in accordance with Montgomery County Standards and Specifications and approved plans. (Structures No. □ and connecting pipe and appurtenances).

3. Paving

Construct concrete sidewalk, concrete curb and gutter, driveway aprons, sidewalk and street paving as per approved Montgomery County Standards and Specifications and approved plans. Install street lights in accordance with plans to be approved by the Division of Traffic and Parking Services, Montgomery County Department of Public Works and Transportation. Plant street trees in accordance with Montgomery County Code, Sec.49-35(j)(i).

4. Grading/Storm Drain

Grade streets full width of right of way plus side slopes in accordance with Montgomery County Standards and Specifications and approved profiles and plans.

Soils Report No. □, prepared by □, dated □ is hereby noted and approved. Construct storm drains in accordance with Montgomery County Standards and Specifications and approved plans.

5. Storm Drain/Paving

Construct storm drains in accordance with Montgomery County Standards and Specifications and approved plans. Prior to placement of any curb & gutter or pavement ALL utility crossings must be certified as being in place. Construct concrete sidewalk, concrete curb and gutter, driveway aprons, sidewalk and street paving as per approved Montgomery County Standards and Specifications and approved plans. Install street lights in accordance with plans to be approved by the Division of Traffic and Parking Services, Montgomery County Department of Public Works and Transportation. Plant street trees in accordance with Montgomery County Code, Sec.49-35(j)(l).

6. Construction Entrance

Construct temporary stabilized construction entrance(s) and subject to the conditions as noted below. Proper precautions must be taken to keep the roadways free of mud, debris or other obstructions. Prior to release of this permit, the temporary entrance will be removed and complete repair shall be made of any and all damages done to the existing improvements in the public right of way.

7. DW Permit

Construct the following type driveway in accordance with Montgomery County Standards and Specifications and the direction of the DPS Inspector. All future maintenance of this apron will be the responsibility of the property owner.

MCDOT Standard: MC-_____

8. Intersection Type Driveway

Construct intersection type driveway as described on the attached approved plan. Driveway will consist of Montgomery County Standard 100.01 curb and gutter. Provide sidewalk ramps Standard MC-112.01 or MC-113.01 as directed at all sidewalk crossings.

Curb Radii: □, Base Asphalt: □, Binder: □, Surface Asphalt: □

9. Dumpster

Temporarily place a dumpster within the public right of way. The permittee agrees to hold Montgomery County harmless from any liability associated with the placement of dumpsters in the public right of way. Dumpster locations, barricades and/or lights are to be placed as directed by the DPS Inspector.

ROW Permit Notes

10. **House Drain**
Install a roof/sump pump drain within the County right of way with the following conditions:
Curb face will be saw cut to accept a maximum 4" diameter PVC drainage pipe. Concrete epoxy non shrink grout will be used to patch the cut curb face and above the drainpipe.
Roof/sump pump drain will be connected into the County Storm Drain structure or pipe if directed by the DPS Inspector
11. **Remove and Replace**
Remove and replace any and all material that may have failed due to defective material or workmanship and subject to the conditions as noted below:
12. **Restoration (Pool)**
THIS IS A BLANKET PERMIT.
See child permits for additional condition of permit.

This blanket permit shall not be released prior to the expiration date unless revoked. This permit expires

Has permission to cross the County Right of Way in conjunction with the installation of a swimming pool. Complete repair (restoration of right of way) shall be made of any and all damages done to the existing improvements in the public right of way caused by construction operations on this site.

This blanket permit shall not be released prior to the expiration date unless revoked. This permit expires 2/15/2001
13. **Public ROW (Restoration)**
Complete repair (restoration of right of way) shall be made of any and all damages done to the existing improvements in the public right of way caused by construction operations on this site.
14. **Public ROW (Stabilization)**
Restore all grassed areas within the public right of way, public improvement easements, side slopes, and storm drain easements within the limits of work described in the Permit stated below. Work shall be completed as directed by the DPS Inspector.
15. **Soil Boring**
Drill soil borings within the County Right of Way and subject to the conditions noted below:

Complete repair (restoration of right of way) shall be made of any and all damages done to the existing improvements in the public right of way caused by construction operations on this site.
16. **Public Utility:**
Install □ Mainline from □ located □.

All work must be in accordance with the approved plans and Montgomery County's "1999 Specifications for Utility Construction Permit", the Montgomery County Specifications for "Utility Patch Standard and Specifications" dated January 5, 1996 and specific traffic notes provided for this site and as directed by the MCDPS inspector in the field.
17. Restore right of way. Complete repair (restoration of right of way) shall be made of any and all damages done to the existing improvements in the public right of way caused by construction operations on this site.
18. Construct a temporary stabilized construction entrance. Prior to release of this permit, the temporary entrance will be removed and complete repair shall be made of any and all damages done to the existing improvements in the public right of way.
19. No pipe required.
20. Driveway apron(s) to be constructed with a 13" x 17" minimum size pipe with end sections.
21. Driveway apron(s) to be constructed with a 15" x 21" minimum size pipe with end sections.
22. Pipe size to be determined by the DPS Inspector in the field.

ROW Permit Notes

23. This driveway is being constructed under the Rustic Road Program.
24. This driveway is being constructed under the Exceptional Rustic Road Program.
25. Maintain a minimum of 40 feet between aprons (measured from the inside edges).
26. Widen the existing driveway apron in accordance with the above stated standard.
27. Restore all grassed areas within the public right of way, public improvement easements, side slopes, and storm drain easements within the limits of work described in the Permit stated below. Work shall be completed as directed by the DPS Inspector.
28. Construct a intersection type driveway consisting of Montgomery County Standard MC-100.01 curb and gutter. All unsuitable sub grade material shall be removed and replaced with approved material prior to placement of concrete curb and gutter or base paving. Provide sidewalk ramps Standard MC 112.01 or MC 113.01 as directed at all sidewalk crossings. See below for additional construction notes.
29. All vehicular access to this site shall be gained via this entrance. This permit will be REVOKED immediately should any vehicle or construction equipment cross the curb and/or sodded shoulder and ditch within the right of way. No disturbance of this right of way (including the stockpiling of construction materials) will be permitted.
30. The issuance of this driveway permit is not to be construed as any permission to the Permittee to locate any part of the driveway(s) on adjoining property within the right of way. If such permission is required, it is the duty of the Permittee to obtain said permission from the owner of the adjoining property.
31. Temporarily place a dumpster within the public right of way. The permittee agrees to hold Montgomery County harmless from any liability associated with the placement of the dumpster in the public right of way.
32. Dumpster locations, barricades and/or lights are to be placed as directed by the DPS Inspector.
33. Install a roof/sump pump drain within the County right of way with the following conditions:
34. Curb face will be saw cut to accept a maximum 4 " diameter PVC drainage pipe. Concrete epoxy non shrink grout will be used to patch the cut curb face and above the drainage pipe.
35. Roof/sump pump drain will be connected into the County Storm Drain structure or pipe as directed by the DPS Inspector.
36. Permittee shall secure necessary easements from adjacent property owners to allow cut or fill slopes (Standard 54 MC811.01) outside the limits of dedication.

ORIGINAL PERMIT NOTES - Continued

37. Construct grass pavers in accordance with attached standards and plans.

Re seed or sod, as directed by the DPS Inspector, any areas that have insufficient stabilization.
38. Perform the work within the County right of way as described below:
39. See Notes
40. Remove and replace any and all asphalt pavement that may have failed due to any defective materials or workmanship within the limits stated below:
41. Restore all disturbed areas within the public right of way, public improvement easements, graded side slopes, and storm drain easements within the limits described below:
42. No roadway pavement cut is allowed.
43. All work must be in accordance with specific traffic notes provided for this site, as directed by the MCDPS inspector in the field.

ROW Permit Notes

44. Implementation of the RURAL/RUSTIC ROAD program compels the permittee to install the proposed utility in order to minimize the impact upon those characteristics, which make that roadway classified Rural or Rustic.
45. Contact Highway Services Division at (240) 777-7623 to coordinate the replacement and/or restoration of brick pavers.
46. Stabilize all disturbed areas within the public right of way. Block up partially completed storm drain structures and/or pipes and stabilize outfalls as required to prevent damage to adjoining properties. Remove or repair any unsafe or potentially unsafe conditions. This permit is issued under the provisions of Section 49-40(b) of the Montgomery County Code 1972, as amended by Council Bill 28-81, effective December 21, 1981 and Executive Regulation No. 21-82, effective July 15, 1982. This permit does not authorize any grading, paving or storm drain construction; separate permits for these activities will be issued, without bond, by reference to this stabilization permit. Bond under this permit will be released when work under separate grading, storm drain and/or paving permits has been completed and accepted, or when bonds have been posted for completion of the work under the separate permits as provided in Executive Regulation No. 21-82, and covenant recorded in Liber □ Folio □ in the Land Records of Montgomery County has been partially or totally released.
47. Grade streets full width of right of way plus side slopes in accordance with Montgomery County Standards and Specifications and approved profiles. Provide adequate temporary drainage where directed to relieve ponding of surface runoff. Provide adequate temporary drainage where directed to relieve ponding of surface runoff. Proper precautions must be taken to keep existing roadways free of mud, debris or other obstructions. Subject to erosion and sediment control provisions as recommended by Montgomery County Department of Environmental Protection, as specifically shown on plans, approved by M.C.D.E.P., dated □. Erosion control methods and devices included in this grading operation shall be maintained by the permittee until they are no longer deemed necessary by the inspector.
48. Soils Report No. □, prepared by □, dated □ is hereby noted and approved.
49. Paving permit will not be issued until (1) the installation of all underground utilities has been completed and a certification to that effect filed with the Subdivision Development Section and (2) permittee's Engineer has filed with the Subdivision Development Section his recommendations concerning the top one foot of subgrade. Roadways to be graded under this permit will not be accepted for maintenance until paving improvements have been completed in accordance with the Montgomery County Road Construction Code.
50. Construct concrete sidewalk Standard MC-110.01.
51. Provide sidewalk ramps Standard MC 112.01 or MC 113.01 as directed at all sidewalk crossings.
52. Construct concrete curb and gutter Standard MC-101.01, with Standard MC-100.01 at all curb returns and drainage structures. Provide 10 foot transition between the two curb types.
53. Construct concrete curb and gutter Standard MC-100.01.
54. Construct concrete curb and gutter around island in cul-de-sac only.
55. Construct concrete driveways Standard MC-301.01 as directed.
56. Construct temporary driveways standard MC-301.03 as directed.
57. Culvert sizes shall be as shown on the plans.
58. Construct tertiary driveways as directed.
59. Construct street paving consisting of a □ inch asphaltic concrete base course with a 2 inch asphaltic concrete surface course.
60. Construct street paving consisting of a □ inch dense graded aggregate base course, a □ inch asphaltic concrete surface course.

ROW Permit Notes

61. All unsuitable sub-grade material shall be removed and replaced with approved material prior to placement of concrete curb and gutter or base paving.
62. All unpaved area within the dedicated right-of-way plus the side slopes will be sodded.
63. Construct storm drains in accordance with Montgomery County Standards and Specifications and approved plans (Structures No. □ and connecting pipe and appurtenances).
64. Storm drains constructed under this permit will not be accepted for maintenance by Montgomery County until overlying paving has been completed and accepted.
65. No paving permit will be issued until all underground utilities are in place and a certification to that effect filed with the Subdivision Development Section.
66. No curbs and gutters or paving shall be installed in areas where storm drain construction has not been completed to the satisfaction of the inspector in the field.
67. Install street lights in accordance with plans to be approved by the Division of Traffic and Parking Services, Montgomery County Department of Transportation. For street lighting Standards and Procedures, contact that Division at 217-2190. Complete repair shall be made of any and all damages done to the existing improvements in the public right of way caused by this installation.
68. Place permanent reference monuments and property line markers on all lots and parcels abutting the streets covered by this permit, per Section 50-24(e) of the Montgomery County Code.
69. Public Improvements Agreement(s) No. □ is (are) hereby noted.
70. Graded under Permit No. □, released □.
71. Grading under Permit No. □, grading shall be completed and approved prior to any paving operation. This note supersedes No. 7 above.
72. Subject to erosion and sediment control provisions as recommended by Montgomery Soil Conservation District, as specifically shown on plans approved by MSCD, dated □.
73. Stabilization Permit □, issued □, covers the work under this permit in accordance with provisions of Section 49-40(b) of the Montgomery County Code 1972, as amended by Council Bill 28-82, effective December 21, 1981 and Executive Regulation No. 21-82, effective July 15, 1982. Release of this permit is subject to covenant recorded □ in Liber □ Folio □ in the Land Records of Montgomery County.
74. All necessary easements to enable inspection of proposed rights of way, borrow and spoil areas, and sediment control facilities have been granted to Montgomery County by letter of permission signed by □, dated □.
75. Storm drainage to be constructed under □. (Permit or Contract No.).
76. To enable storm drainage to function prior to the surface course paving, the gutter section (lip) of inlets shall be omitted where directed by the inspector until paving is completed. Field connections (tees) and temporary inlets are to be installed where necessary as determined by the inspector in the field.
77. No surfacing is to be started until all fine grading and sodding has been completed and inspected.
78. This is a County participation Project No. □. No monies shall be payable by Montgomery County unless work is done in accordance with memorandum from the Department of Transportation dated □.
79. Driveways constructed under this permit are for the purpose of providing access to lots adjacent to the right of way. All required maintenance will be the responsibility of the property owner.
80. The permittee's responsibility for road maintenance, public convenience and safety includes the removal of snow as required for the safe and efficient movement of vehicular traffic.

ROW Permit Notes

81. This permit will not be accepted for maintenance until a certificate by a Registered Land Surveyor has been filed, stating that permanent monuments, property line markers and lot corners as required by Section 50-24(e) of the Montgomery County Code, 1972, as amended, are in place where required. See Plat Book □, Plat No. □.
82. Construct intersection type driveway(s) in accordance with approved plans.
83. Install street lights in accordance with plans to be approved by the Division of Traffic Engineering, Montgomery County Department of Transportation. For street lighting Standards and Procedures, contact that Division at 217-2190.
84. Construct street paving consisting of a □ inch asphaltic concrete base course, a □ inch asphaltic concrete intermediate surface course (to be placed as soon as field conditions allow after placement of base course), with a □ inch asphaltic concrete surface course.
85. Construct street paving consisting of a □ inch dense graded aggregate base course, a □ inch asphaltic concrete base course, a □ inch asphaltic concrete intermediate surface course (to be placed as soon as field conditions allow after placement of the base course), with a □ inch asphaltic concrete surface course.
86. Complete repair (restoration of the right of way) shall be made of any and all damages done to the existing improvement in the public rights of way leading to this site which are caused by hauling operations to this site. Repairs shall be made to the existing streets as directed by the Montgomery County Department of Transportation Inspector.
87. Plant Street Trees in accordance with Std. MC-701.01.

STANDARD EROSION AND SEDIMENT CONTROL NOTES

January 2003

1. The permittee shall notify the Department of Permitting Services (DPS) forty-eight (48) hours before commencing any land disturbing activity and, unless waived by the Department, shall be required to hold a pre-construction meeting between them or their representative, their engineer and an authorized representative of the Department.
2. The permittee must obtain inspection and approval by DPS at the following points:
 - A. At the required pre-construction meeting.
 - B. Following installation of sediment control measures and prior to any other land disturbing activity.
 - C. During the installation of a sediment basin or stormwater management structure at the required inspection points (see Inspection Checklist on plan). Notification prior to commencing construction is mandatory.
 - D. Prior to removal or modification of any sediment control structure(s).
 - E. Prior to final acceptance.
3. The permittee shall construct all erosion and sediment control measures per the approved plan and construction sequence, shall have them inspected and approved by the Department prior to beginning any other land disturbances, shall ensure that all runoff from disturbed areas is directed to the sediment control devices, and shall not remove any erosion or sediment control measure without prior permission from the Department.
4. The permittee shall protect all points of construction ingress and egress to prevent the deposition of materials onto traversed public thoroughfare(s). All materials deposited onto public thoroughfare(s) shall be removed immediately.
5. The permittee shall inspect periodically and maintain continuously in effective operating condition, all erosion and sediment control measures until such times as they are removed with prior permission from the Department. The permittee is responsible for immediately repairing or replacing any sediment control measures which have been damaged or removed by the permittee or any other person.
6. All sediment basins, trap embankments, perimeter dikes, and all disturbed slopes steeper or equal to 3:1 shall be stabilized with sod, seed, and anchored straw mulch, or other approved stabilization measures, within seven (7) calendar days of establishment. All areas disturbed outside of the perimeter sediment control system must be minimized and stabilized immediately. Maintenance must be performed as necessary to ensure continued stabilization.
7. The permittee shall apply sod, seed, and anchored straw mulch, or other approved stabilization measures to all disturbed areas within fourteen (14) calendar days after stripping and grading activities have ceased on that area. Maintenance shall be performed as necessary to ensure continued stabilization. Active construction areas, such as borrow or stockpile areas, roadway improvements, and areas within fifty (50) feet of a building under construction may be exempt from this requirement, provided that erosion and sediment control measures are installed and maintained to protect

those areas.

8. Prior to removal of sediment control measures, the permittee shall stabilize all contributory disturbed areas with required soil amendments and topsoil, using sod or an approved permanent seed mixture and an approved anchored mulch. Wood fiber mulch may only be used in seeding season when the slope does not exceed 10% and grading has been done to promote sheet flow drainage. Areas brought to finished grade during the seeding season shall be permanently stabilized within fourteen (14) calendar days of establishment. When property is brought to finished grade during the months of November through February, and permanent stabilization is found to be impractical, an approved temporary seed and straw anchored mulch shall be applied to disturbed areas. The final permanent stabilization of such property shall be completed prior to the following April 15.

9. The site permit, work, materials, approved SC/SM plans, and test reports shall be available at the site for inspection by duly authorized officials of Montgomery County.

10. Surface drainage flows over unstabilized cut and fill slopes shall be controlled by either preventing drainage flows from traversing the slopes or by installing mechanical devices to lower the water down slope without causing erosion. Dikes shall be installed and maintained at the top of cut or fill slopes until the slope and drainage area to it are fully stabilized, at which time they must be removed and final grading done to promote sheet flow drainage. Mechanical devices must be provided at points of concentrated flow where erosion is likely to occur.

11. Permanent swales or other points of concentrated water flow shall be stabilized within 7 calendar days of establishment with sod or seed with an approved erosion control matting or by other approved stabilization measures.

12. Temporary sediment control devices shall be removed, with permission of the Department, within thirty (30) calendar days following establishment of permanent stabilization in all contributory drainage areas. Stormwater management structures used temporarily for sediment control shall be converted to the permanent configuration within this time period as well.

13. No permanent cut or fill slope with a gradient steeper than 3:1 will be permitted in lawn maintenance areas or on residential lots. A slope gradient of up to 2:1 will be permitted in non-maintenance areas provided that those areas are indicated on the erosion and sediment control plan with a low-maintenance ground cover specified for permanent stabilization. Slope gradient steeper than 2:1 will not be permitted with vegetative stabilization.

14. The permittee shall install a splashblock at the bottom of each downspout unless the downspout is connected by a drain line to an acceptable outlet.

15. For finished grading, the permittee shall provide adequate gradients so as to: (1) prevent water from standing on the surface of lawns more than twenty-four (24) hours after the end of a rainfall, except in designated drainage courses and swale flow areas, which may drain as long as forty-eight (48) hours after the end of a rainfall, and (2) provide positive drainage away from all building foundations or openings.

16. Sediment traps or basins are not permitted within 20 feet of a building which is existing or under construction. No building may be constructed within 20 feet of a sediment trap or basin.

17. All inlets in non-sump areas shall have asphalt berms installed at the time of base paving establishment.

18. The sediment control inspector has the option of requiring additional sediment control measures, as deemed necessary.

19. All trap elevations are relative to the outlet elevation, which must be on existing undisturbed ground.

20. Vegetative stabilization shall be performed in accordance with the Standards and Specifications for Soil Erosion and Sediment Control.

21. Temporary sediment trap(s) shall be cleaned out and restored to the original dimensions when sediment has accumulated to the point of one-half (1/2) the wet volume of the trap or when required by the sediment control inspector.

22. Sediment removed from traps shall be placed and stabilized in approved areas, but not within a floodplain.

23. All sediment basins and traps must be surrounded with a welded wire safety fence. The fence must be at least 42 inches high, have posts spaced no farther apart than 8 feet, have mesh openings no greater than two inches in width and four inches in height, with a minimum of 14 gauge wire. Safety fence must be maintained in good condition at all times.

24. No excavation in the areas of existing utilities is permitted unless their location has been determined. Call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work.

25. Off-site spoil or borrow areas must have prior approval by DPS.

26. The grade away from foundation walls shall fall a minimum of six inches within the first 10 feet, except as restricted by lot lines where the fall will be a minimum of six inches, regardless of the horizontal distance available.

27. Sediment trap/basin dewatering for cleanout or repair may only be done with the DPS inspector's permission. The inspector must approve the dewatering method for each application. The following methods may be considered:

- A. Pump discharge may be directed to another on-site sediment trap or basin, provided it is of sufficient volume and the pump intake is floated to prevent agitation or suction of deposited sediments; or
- B. the pump intake may utilize a Removable Pumping Station and must discharge into an undisturbed area through a non-erosive outlet; or
- C. the pump intake may be floated and discharge into a Dirt Bag (12 oz. non-woven fabric), or approved equivalent, located in an undisturbed buffer area.

Remember: Dewatering operation and method must have prior approval by the DPS inspector.

28. The permittee must notify the Department of all utility construction activities within the permitted limits of disturbance prior to the commencement of those activities.

29. Topsoil must be applied to all pervious areas within the limits of disturbance prior to permanent stabilization in accordance with Montgomery County standards and specifications for topsoiling.

**STANDARD WORDING FOR INITIAL STEPS OF
SEQUENCE OF CONSTRUCTION ON
SEDIMENT CONTROL PLANS FOR SITES EXEMPT FROM
THE FOREST CONSERVATION LAW**

1. Prior to clearing of trees, installing sediment control measures, or grading, a preconstruction meeting must be conducted on-site with the Montgomery County Department of Permitting Services (MCDPS) sediment control inspector (240) 777-6210 (48 hours notice), the Owners representative, and the site Engineer.
2. The limits of disturbance must be field marked prior to clearing of trees, installation of sediment control measures, construction, or other land disturbing activities.
3. Clear and grade for installation of sediment control devices.
4. Install sediment control devices. Traps and basins shall be constructed prior to construction of any earth dikes that convey drainage to a trap and/or basin.
5. Once the sediment control devices are installed, the permittee must obtain written approval from the MCDPS inspector before proceeding with any additional clearing, grubbing, or grading.

NOTE 1: All sequences should call for the permittee to obtain written approval from MCDEP inspector, prior to the removal of any sediment control device.

NOTE 2: Any site that has a proposed storm drain diversion proposed should have its Sequence of Construction state the following:

- 1) The construction of the diversion in the storm drain construction step; and
- 2) once the drainage area is stabilized, the storm drain system must be flushed, any temporary pipes removed, and the construction or unblocking of any permanent pipes.

(Note placed on
Sed. Control Plans)

ATTENTION

THIS SITE IS WITHIN THE ENVIRONMENTALLY SENSITIVE

CLARKSBURG SPECIAL PROTECTION AREA

**TO HELP PROTECT THE DELICATE AQUATIC HABITAT
FROM THE IMPACTS OF LAND DEVELOPMENT
THESE PLANS MUST BE STRICTLY ADHERED TO**

IF THERE IS A PROBLEM, CALL

_____ AT _____

**AND THE MCDPS STAFF MEMBER WILL ASSIST YOU
IN DEVELOPING A SOLUTION BEFORE STREAM IMPACTS OCCUR**

(MENTION THAT THE SITE IS WITHIN A SPECIAL PROTECTION AREA WHEN YOU CALL)

"LET'S WORK TOGETHER TO KEEP IT CLEAN"

ACKNOWLEDGED _____
OWNER/DEVELOPER